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        (FILE 'USPAT' ENTERED AT 15:03:13 ON 14 JAN 1998)
                    SET PAGE SCROLL
L1            1 S 5631904/PN
L2          871 S TELECONFERENC? OR VIDEOCONFERENC?
L3          773 S TELE(W)CONFERENC? OR VIDEO(W)CONFERENC?
L4          871 S L1 OR L2
L5         1469 S L2 OR L3
L6            6 S L5 AND (DIRECTOR### (P) PERSONAL)

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US PAT NO: 5,590,128 [IMAGE AVAILABLE]   L6: 4 of 6
DATE ISSUED: Dec. 31, 1996
TITLE: Dial lists for computer-based conferencing systems
INVENTOR: Michael Maloney, Beaverton, OR
                  Robert Schlesinger, Hillsboro, OR
ASSIGNEE: Intel Corporation, Santa Clara, CA (U.S. corp.)
APPL-NO: 08/476,450
DATE FILED: Jun. 7, 1995
REL-US-DATA: Continuation of Ser. No. 341,402, Nov. 16, 1994, Pat. No.
                  5,524,110, which is a continuation-in-part of Ser. No.
                  340,172, Nov. 15, 1994, which is a continuation-in-part of
                  Ser. No. 157,694, Nov. 24, 1993, Pat. No. 5,506,954.
INT-CL: [6] H04L 12/18
US-CL-ISSUED: 370/260; 379/202
US-CL-CURRENT: 370/260; 379/202
SEARCH-FLD: 370/62; 395/200.04; 379/158, 202, 204, 205
REF-CITED:
                         U.S. PATENT DOCUMENTS
        4,475,193   10/1984   Brown   370/124
        4,796,293   1/1989   Blinken et al.   379/202
        4,888,795   12/1989   Ando et al.   379/53
        4,998,243   3/1991   Kao   370/62
        5,014,267   5/1991   Tompkins et al.   370/42
        5,056,136   10/1991   Smith   380/10
        5,072,442   12/1991   Todd   370/62
        5,073,926   12/1991   Suzuki et al.   379/53
        5,099,510   3/1992   Blinken, Jr. et al.   379/202
        5,157,491   10/1992   Kassatly   358/146
        5,195,086   3/1993   Baumgartner et al.   370/62
        5,231,492   7/1993   Dangi et al.   358/143
        5,315,633   5/1994   Champa   348/16
        5,319,793   6/1994   Hancock et al.   395/800
        5,333,133   7/1994   Andrews et al.   370/58.2
        5,335,321   8/1994   Harney et al.   395/162
        5,367,629   11/1994   Chu et al.   395/162
        5,374,952   12/1994   Flohr   348/12
        5,375,068   12/1994   Palmer   364/514
        5,384,598   1/1995   Rodriguez et al.   348/384
        5,384,772   1/1995   Marshall   370/60
        5,392,223   2/1995   Caci   364/514
        5,475,421   12/1995   Palmer et al.   348/15

                      FOREIGN PATENT DOCUMENTS
        0523629   7/1992   European Patent Office   H04M 11/00

                         OTHER PUBLICATIONS
Chen et al., "A Multimedia Desktop Collaboration System," Globecom 92--EEE
    Global Telecommunications Conference, vol. 2, 6 Dec. 1992 -9 Dec. 1992.
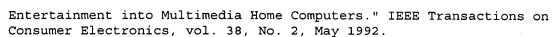   Orlando (US).
Vin et al., "Multimedia Conference in the Etherphone Environment." Computer,
    vol. 24, No. 10, Oct. 1991. Long Beach (US).
Eleftheriadis et al., "Algorithms and Performance Evaluation of the Xphone
    Multimedia Communications System." ACM Multimedia 93--Proceedings First ACM
    International Conference On Multimedia, 1 Aug. 1993, Anaheim (US).
Zhang et al., "Video Communications on LANs--Multimedia CSCW Applications."
    CCECE/CCGEI '91.
Ramanthan et al., "Integrating Virtual Reality, Tele-Conferencing, and

Entertainment into Multimedia Home Computers." IEEE Transactions on
Consumer Electronics, vol. 38, No. 2, May 1992.
Nakamura et al., "Personal Multimedia Teleconferencing Terminal." IEEE
International Conference On Communications ICC 90-Session 211. vol. 1, 15
Apr. 1990, Atlanta (US).
Maeno et al., "Distrubuted Desktop Conferencing System (Mermaid) Based on
Group Communication Architecture." IEICE Transactions, vol. E74, No. 9,
Sep. 1991, Tokyo JP.
Tanigawa et al, "Personal Multimedia-Multipoint Teleconference System." IEEE
Infocom 91-Conference on Computer Communications-Session 9D, vol. 3, 7 Apr.
1991, Bal Harbour (US).
Computer Conferencing: IBM Scientists Demo Prototype of Affordable Computer
Conferencing System, Nov. 2, 1992. Edge, on & about AT&T, V7, n223, p. 22.

ART-UNIT: 263
PRIM-EXMR: Douglas W. Olms
ASST-EXMR: Russell W. Blum
LEGAL-REP: Steve Mendelsohn, William H. Murray

ABSTRACT:
The user of a local computer node (i.e., a caller) selects a remote computer
node (i.e., a callee) for a computer conference call from a display
containing a **directory** of possible callees. In one embodiment, the
directory is an alphabetical combination of a network list maintained by a

network administrator and a **personal** list for the caller. The user of the
caller can access and edit the **personal** list, but only access the network
list. When displayed to the user, the possible callees from the **personal**
list are distinguishable from the possible callees from the network list.
                        20 Claims, 63 Drawing Figures

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        (FILE 'USPAT' ENTERED AT 13:14:04 ON 14 JAN 1998)
L1        1329 S (DIRECTOR### OR LIST#) (P) (QUICK(W)DIAL OR FREQUENT?)
L2           5 S (DIRECTOR### OR LIST#) (P) QUICK(W)DIAL
L3        3785 S (DIRECTOR### OR LIST#) (P) FREQUEN?
L4          14 S L3 AND (TELECONFERENC? OR VIDEOCONFERENC?)
L5          21 S L3 AND (TELE(W)CONFERENC? OR VIDEO(W)CONFERENC?)
L6          32 S L4 OR L5
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